SEQUENCE LISTING

5	J: Z] J:	hun Wang, Benjamin XY Li, Xin Cheng, ing Liu, Li-Wen Niu, Wan-Zhi Huang, hen-Yu Xu, Dan Luo, Lian-Di Kang, in-Guo Ding, Fang Rong, Yan Liu, ui-Ran Chen	
10	(ii) TITLE OF INVENTION	ON: AN ANTITHROMBOSIS ENZYME FROM THE SNAKE VENOM OF AGKISTRODON ACUTUS	
15.23 15.23 16.23	(iii) NUMBER OF SEQUEN	NCES: 4	
15	(B) STREET: 63 (C) CITY: Lo (D) STATE: Ca (E) COUNTRY: US	yon & Lyon 33 West Fifth Street os Angeles alifornia	
11. 11. 11. 11. 11. 11. 11. 11. 11. 11.	(v) COMPUTER READABLE FORM:		
25	(A) MEDIUM TYPE:	3.5" Diskette, 1.44 Mb	
	(B) COMPUTER:	IBM compatible	
30	(C) OPERATING SYSTEM:	IBM P.C. DOS (Version 5.0)	
	(D) SOFTWARE:	WordPerfect (Version 5.1)	
35	<pre>(vi) CURRENT APPLICATION DA (A) APPLICATION NUMBE (B) FILING DATE: (C) CLASSIFICATION:</pre>		
,	(viii) ATTORNEY/AGENT INFOR (A) NAME:	MATION: Chen, Anthony C.	
40	(B) REGISTRATION NUMB		

	(ix) TELECOMMUNICATION INFORM	ATION:	
5	(11)	(213) 489-1600 (213) 955-0440 67-3510	
	(2) INFORMATION FOR SEQ ID NO): 1:	
	(C) STRANDEDNESS: (D) TOPOLOGY:	544 nucleic acid	
	GAAGGCATT GCTACAAGGT CTTCAAA	ACAA TCTAAGACCT GGACAGATGC S	50
20	AGAGAGCTTC TGCACGAAGC AGGTGAA	ACGG GGGGCATCTG GTCTCTATCG 1	100
	AAAGCTCCGG AGAAGCAGAC TTTGTGG	GCC AGTTGATTGC TCAGAAGATA 1	150
	AAGTCAGCCA AAATCCATGT CTGGATC	GGA CTGAGGGCTC AAAACAAAGA 2	200
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAAGCAATGC AGCATAGAGT GGAGCGA	ATGG CTCCAGCATC AGTTATGAGA 2	250
	ATTGGATTGA AGAAGAATCC AAAAAGT	GTC TTGGGGTGCA CATAGAGACA	300
25	GGGTTTCATA AGTGGGAGAA TTTTTAC	TGT GAACAACAAG ATCCTTTTGT	350
	CTGCGAGGCA TAGTCTGAAG ATCCAGG	TGA TTGAAGTCTG GAGAAGCAAG	400
	GAAGCCCCCC ACCCCATCCC CCAACCC	CTGC CTAGCCACAA TCTCTGCTAT	450
	GCACCCTTTG CTCAACGGAT GCTCTC	IGTA GCTGGATCTG GTGTTGCTGC S	500
	TCCTGATGGG CCGGAAGTCA ATAAAT	CTG CCTAGCCTGA AAAA	544
30	(2)	2	
	(2) INFORMATION FOR SEO ID NO	J: Z:	

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH:

(C) REFERENCE/DOCKET NUMBER: 233/298

129

(B) TYPE:

amino acid

(C) STRANDEDNESS:

single

(D) TOPOLOGY:

linear

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(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION : SEQ ID NO: 2

Asp Cys Ser Ser Asp Trp Ser Ser Tyr Glu Gly His Cys Tyr Lys Val Phe Lys Gln Ser Lys Thr Trp Thr Asp Ala Glu Ser Phe Cys Thr Lys Gln Val Asn Gly Gly His Leu Val Ser Ile Glu Ser Ser Gly Glu Ala Asp Phe Val Gly Gln Leu Ile Ala Gln Lys Ile Lys Ser Ala Lys Ile His Val Trp Ile Gly Leu Arg Ala Gln Asn Lys Glu Lys Glu Asn Trp Ile Glu Trp Ser Asp Gly Ser Ser Ile Ser Lys Glu Asn Trp Ile Glu Glu Glu Ser Lys Lys Cys Leu Gly Val His Ile Glu Thr Gly Phe His Lys Trp Glu Asn Phe Tyr Cys Glu Gln Gln Asp Pro Phe Val Cys Glu Ala

(2) INFORMATION FOR SEQ ID NO: 3:

30 (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH:

29

(B) TYPE:

amino acid

(C) STRANDEDNESS:

single

(D) TOPOLOGY:

linear

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- (ii) MOLECULE TYPE: peptide
- (xi) SEQUENCE DESCRIPTION : SEQ ID NO: 3
- 40 Asp Cys Ser Ser Asp Trp Ser Ser Tyr Glu Gly His Cys Tyr Lys

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- (2) INFORMATION FOR SEQ ID NO: 4:
- (i) SEQUENCE CHARACTERISTICS: (A) LENGTH:

(B) TYPE:

amino acid

(C) STRANDEDNESS:

single

(D) TOPOLOGY:

linear

- (ii) MOLECULE TYPE: peptide
- (xi) SEQUENCE DESCRIPTION : SEQ ID NO: 4

Asp Cys Pro Ser Glu Trp Ser Ser Tyr Glu Gly Phe Cys Tyr Lys Pro Phe

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